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Vauchel

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(54) **SELF-MOUNTED CASCADE FOR A THRUST REVERSER**

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239/265.43; 244/110 B

See application file for complete search history.

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 813 days.

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Related U.S. Application Data

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F02K 3/02 (2006.01)
F02K 1/72 (2006.01)

(57) **ABSTRACT**

(52) **U.S. Cl.**
CPC .. **F02K 3/025** (2013.01); **F02K 1/72** (2013.01)

(58) **Field of Classification Search**
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Y02T 50/671; F02K 1/563; F02K 1/566;
F02K 1/58; F02K 1/60; F02K 1/605; F02K
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F02K 1/763; F02K 1/766
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239/265.13, 265.19, 265.23, 265.25,
239/265.27, 265.29, 265.31, 265.33,

The present disclosure relates to a self-mounted cascade for a thrust reverser of an airplane jet engine nacelle. The cascade includes an upstream portion and an opposite downstream portion, along with respective connection means so that two adjacent cascades are directly connected to one another only in the respective downstream portions by downstream connection means thereof. The downstream portion corresponds to an area extending from a downstream side edge over a length less than or equal to N times the length of the last cavity located along said downstream side edge, where N is less than 3. The present disclosure is of use in the field of airplane jet engine nacelles.

16 Claims, 5 Drawing Sheets

